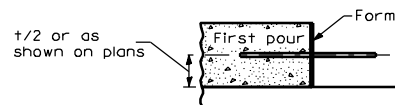
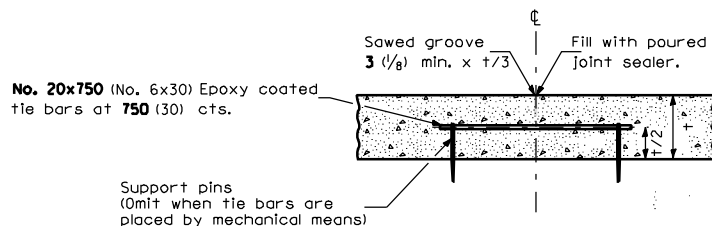


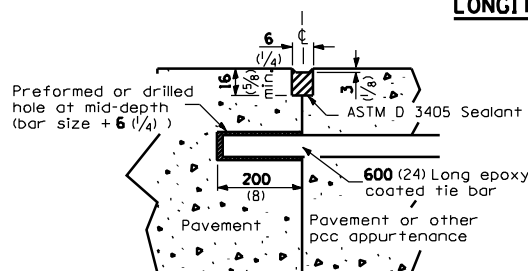
**ELEVATION**  
**KEYED LONGITUDINAL CONSTRUCTION JOINT**



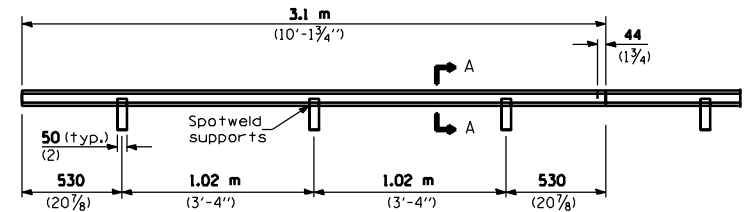
**ELEVATION**  
**BULKHEAD LONGITUDINAL CONSTRUCTION JOINT**  
(SHOWN WITH DEFORMED TIE BAR)



**SAWED LONGITUDINAL JOINT**



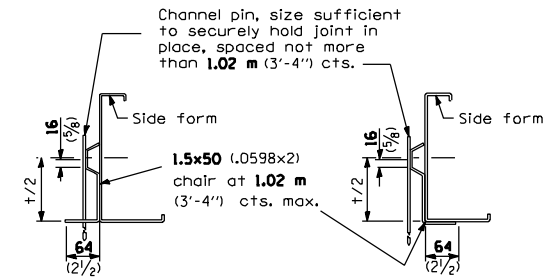
**LONGITUDINAL CONSTRUCTION JOINT**  
**GROUTED-IN-PLACE TIE BAR**



**ELEVATION**

Sheet steel of suitable thickness to form keyway as detailed or approved equal.

**SECTION A-A**



**SUPPORTING CHAIR ALTERNATE**

**SUPPORTING CHAIR ALTERNATE**

**LONGITUDINAL METAL JOINT TYPE C**

### GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation	
PASSED	January 1, 1998
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	January 1, 1998
ENGINEER OF DESIGN AND ENVIRONMENT	

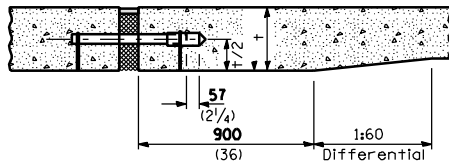
ISSUED 1-1-97

DATE	REVISIONS
1-1-98	Del. HINGE JOINT detail.
	Rev. sawed groove for
	SAWED CONT. JT.
1-1-97	Renum. Standard 2323-14.

### PAVEMENT JOINTS

(Sheet 1 of 2)

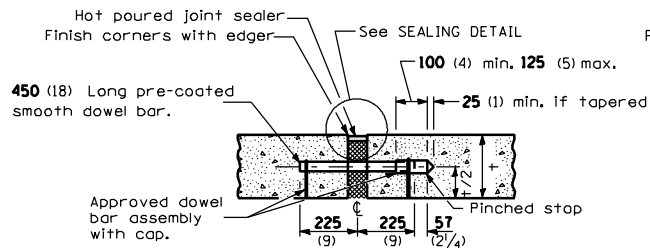
**STANDARD 420001-01**



### EXPANSION JOINT

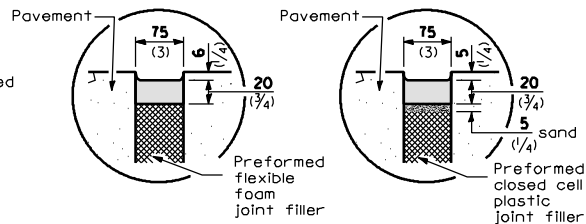
(For pavements with unequal thickness)  
See DETAIL OF EXPANSION JOINT below  
for notes and dimensions not shown.

CONCRETE THICKNESS	DOWEL BAR DIAMETER
200(8) or greater	38 (1 1/2)
175 (7) thru 199 (7.99)	32 (1 1/4)
Less than 175(7)	25 (1)

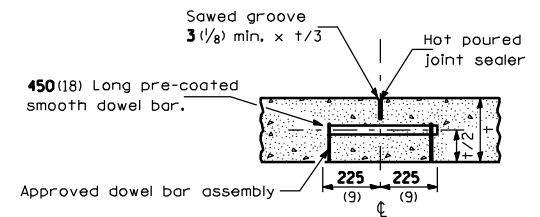


### EXPANSION JOINT

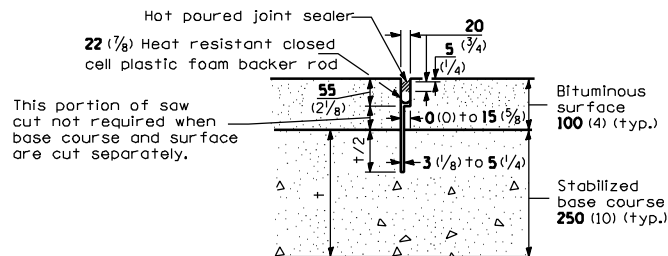
(For pavements with equal thickness)



### EXPANSION JOINT SEALING DETAIL



### SAWED CONTRACTION JOINT



### TRANSVERSE CONTRACTION JOINT

(For CAM, CFA and LFA Base Course Mixtures)

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ISSUED 1-1-97	

## PAVEMENT JOINTS

(Sheet 2 of 2)

STANDARD 420001-01